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<p>(54) Title: ULTRASOUND CONTRAST AGENT DISPERSIONS COMPRISING GAS AND DESTABILISING AGENT</p> <p>(57) Abstract</p> <p>Ultrasonic visualisation of a subject, particularly of perfusion in the myocardium and other tissues, is performed using novel gas-containing contrast agent preparations which provide controllable and temporary growth of the gas phase <i>in vitro</i> following administration and can therefore act as deposited perfusion tracers. The preparations comprise an injectable aqueous gas dispersion and an administrable substance or substances capable of destabilising the dispersed gas to provide temporary growth thereof. In cardiac perfusion imaging the preparations may advantageously be coadministered with vasodilator drugs such as adenosine in order to enhance the differences between return signal intensity from normal and hypoperfused myocardial tissue respectively.</p>			

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